

## 6. BICYCLE COUNT DATA

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This chapter presents the results of bicycle counts taken by the participating jurisdictions in the County to support the CMA's Countywide Bicycle Plan adopted by the ACCMA Board on October 26, 2006. It is the fourth time that bicycle counts have been coordinated at the County level and that the data has been collected by each jurisdiction at the selected locations. The intent is to collect this data every two years in order to measure the trends in bicycle usage and to provide supporting data for the biennial LOS Monitoring Report, the Countywide Bicycle Plan, and the Regional Bicycle Plan.

The number of bicyclists was counted at twelve major intersections throughout the County on one day between March 1 and June 12, 2008 when schools were in session. Counts were collected at the same locations as in 2006. The time period selected for counting was from 3:00 P.M. to 6:00 P.M. in order to capture a portion of school trips. The data was collected in each jurisdiction on a Tuesday, Wednesday, or Thursday.

Table 14 shows the count locations and total number of bicycles counted. In 2008, 8 out of 12 intersections showed an increase in the bike usage and 4 showed decrease. The highest volume increase was at Milvia Street and Hearst Avenue in Berkeley with 82 more bicycles. The highest volume decrease in bike usage was experienced in Fremont at Paseo Padre Parkway and Mowry Avenue where the bike counts decreased by 27% from 22 bicycles to 16.

Figure 11 shows the intersections where counts were made and the bicycle turning movements at the intersection during the count periods.

**Table 14**  
**Alameda County Bicycle Count Data**

	Jurisdiction	Location	Time Period (p.m.)	Bicycle Counts		2006	2008	% Diff 06-08
				2002	2004			
1	Alameda	Atlantic Avenue and Webster Street	3-6	36	56	60	76	27%
2	Berkeley	Milvia Street and Hearst Avenue	3-6	405	392	356	438	23%
3	Emeryville	San Pablo Avenue and 40 <sup>th</sup> Street	3-6	142	168	173	196	13%
4	Fremont	Paseo Padre Parkway and Mowry Avenue	3-6	60	52	22	16	-27%
5	Hayward*	Mission Blvd and Jefferson Street	3-6 2006-4-6	11	23	39	25	-57%
6	Livermore	East Street and Vasco Road	3-6	86	109	106	93	-12%
7	Newark	Thornton Avenue and Willow Street	2002 - 3-5 3-6	5	12	11	13	18%
8	Oakland	Telegraph Avenue and 27 <sup>th</sup> St	3-6	136	79	144	222	54%
9	Piedmont	Grand Avenue and Oakland Avenue	3-6	30	21	41	46	12%
10	Pleasanton	Hopyard Road and Stoneridge Drive	3-6	32	19	5	32	540%
11	Alameda County	Hesperian and Lewelling Blvd	3-6 2004 - 4-6	27	25	36	68	89%
12	Alameda County	Redwood Road and Grove Way	3-6	26	--	--		
12	Alameda *County	Redwood Road and Castro Valley Blvd.	4-6 2008 - 3-6	--	26	36	45	-17%

\* indicates percentage difference calculated for 2 hours.

# Legend

- Interstate/Freeway
- Other State Highway
- Principal Arterial
- Major cross streets



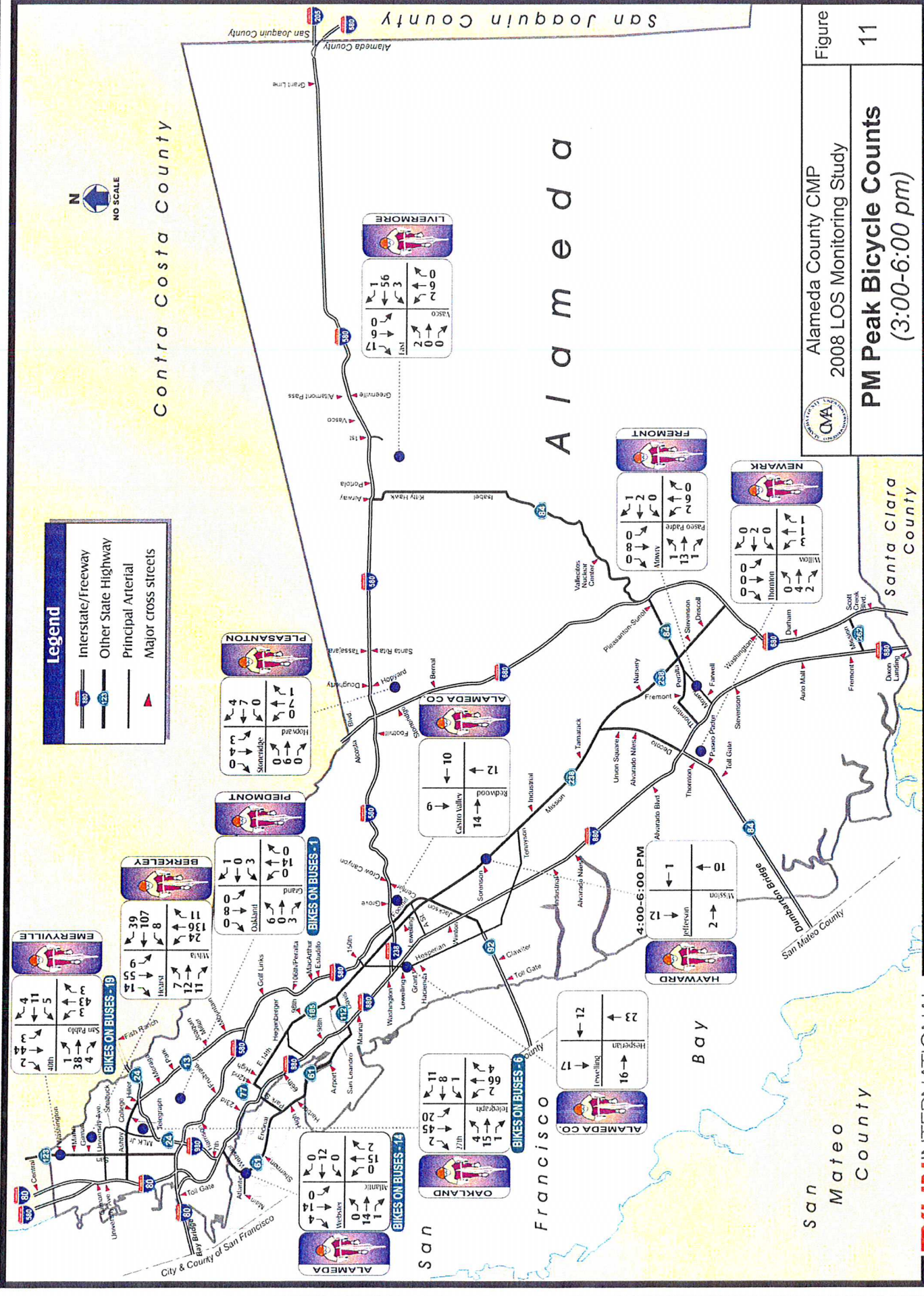
Contra Costa County

San Joaquin County

Alameda

Alameda County CMP  
2008 LOS Monitoring Study

Figure 11  
PM Peak Bicycle Counts  
(3:00-6:00 pm)



San Mateo County

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